

UNIVERSAL TOOL FOR UNIFORMLY APPLYING A FORCE TO A PLURALITY
OF COMPONENTS ON A CIRCUIT BOARD

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ABSTRACT OF THE DISCLOSURE

5 A multiple force tool for applying pressure to circuit components during a manufacturing operation. A plurality of compressed air pressure cylinders are supported on a plurality of horizontal arms over a circuit board. A pressure foot of each compressed air pressure cylinder is
10 extendable when an air controller foot switch is depressed. Positioning of each of the cylinders is afforded along two axes, so that the cylinders may be positioned over components which are to be pressed against the circuit board. Heat sinks may be pressed against components located on the
15 circuit board to bond the heat sinks to the components.